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| | Filing Date | | 1997-11-25 |
| | First Named Inventor | Rabbani, E. | |
| | Art Unit | 1635 | |
| | Examiner Name | Shin, D. | |
| | Attorney Docket Number | Enz-53(D2) | |

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| | | patent no. does not match the inventor or date. | | | | | |
| | 2 | 5677343 | | 1997-10-14 | Singh | | |
| | 3 | 5733781 | | 1998-03-31 | Ryder | | |
| | 4 | 5814500 | | 1998-09-29 | Dietz | | |
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| | 1 | EP 0273085 | EP | | 1988-07-06 | Battelle memorial Institute (CH) | | <input type="checkbox"/> |

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|--------------------|---------|---|--------------------------|
| | 1 | Pat. App. No. 08978632 (Attny. Dkt. No. Enz-53-D) Non-Final Rejection 2008-01-09 already considered. see IDS filed 1-14-2008 | <input type="checkbox"/> |
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| | 7 | BOS et al. "Enhanced transfection of a bacterial plasmid into hybridoma cells by electroporation: application for the selection of hybrid hybridoma (quadroma) cell lines." Hybridoma 11: 41-51. 1992 already considered. see IDS filed 1-14-2008 | <input type="checkbox"/> |

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|---------------|--|-------------------------------------|
| 8 | DIBB "Why do genes have introns?" FEBS Letters 325: 135-139. 1993 | <input type="checkbox"/> |
| 9 | FERKOL et al. "Gene transfer into the airway epithelium of Animals by targeting the polymeric immunoglobulin receptor. J. Clin. Invest. 95: 493-502. 1995 | <input type="checkbox"/> |
| 10 | FERKOL et al. "Immunologic responses to gene transfer into mice via the polymeric immunoglobulin receptor." Gene Therapy 3: 669-678. 1996 | <input type="checkbox"/> |
| 11 | GAO et al. "Direct in vivo gene transfer to airway epithelium employing adenovirus-polylysine-DNA complexes" Human Gene Therapy 4: 17-24. 1993 | <input type="checkbox"/> |
| 12 | HIRSCH et al. "Antifection: a new method for targeted gene transfection." Transplantation Proceedings 25: 138-139. 1993 already considered. See IDS filed 1-14-2008 | <input type="checkbox"/> |
| 13 | JOHANSEN "Intron intsertion facilitates amplification of cloned virus cDNA in Escherichia coli while biological activity is reestablished after transcription in vivo" Proc. Natl. Acad. Sci. USA 93: 12400-12405. 1996 | <input type="checkbox"/> |
| 14 | JOHNSTON et al. "Present status and future prospects for HIV therapies" Science 260: 1286-1293. 1993 | <input type="checkbox"/> |
| 15 | OLSEN et al. "High efficiency oligonucleotide-directed plasmid mutagenesis." Proc. Natl. Acad. Sci. USA 87: 1451-1455. 1990 already considered. see IDS filed 1-14-08 | <input type="checkbox"/> |
| 16 | PUTNEY et al. "A DNA fragment with an alpha-phosphorothioate nucleotide at one end is asymmetrically blocked from digestion by exonuclease III and can be replicated in vivo." Proc. Natl. Acad. Sci. USA 78: 7350-7354. 1981 already considered. see IDS filed 1-14-08 | <input type="checkbox"/> |
| 17 | WU et al. "Receptor-mediated gene delivery and expression in vivo" J. Biol. Chem. 263: 14621-14624. 1988 | <input type="checkbox"/> |
| 18 | WU et al. "Incorporation of Adenovirus into a ligand-based DNA carrier system results in retention of original receptor specificity and enhances targeted gene expression" J. Biol. Chem. 269: 11542-11546. 1994 | <input type="checkbox"/> |

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